

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044135.D
 Acq On : 21 Jan 2020 16:02
 Operator : JU
 Sample : PB126234BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126234BL

Quant Time: Jan 22 07:08:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

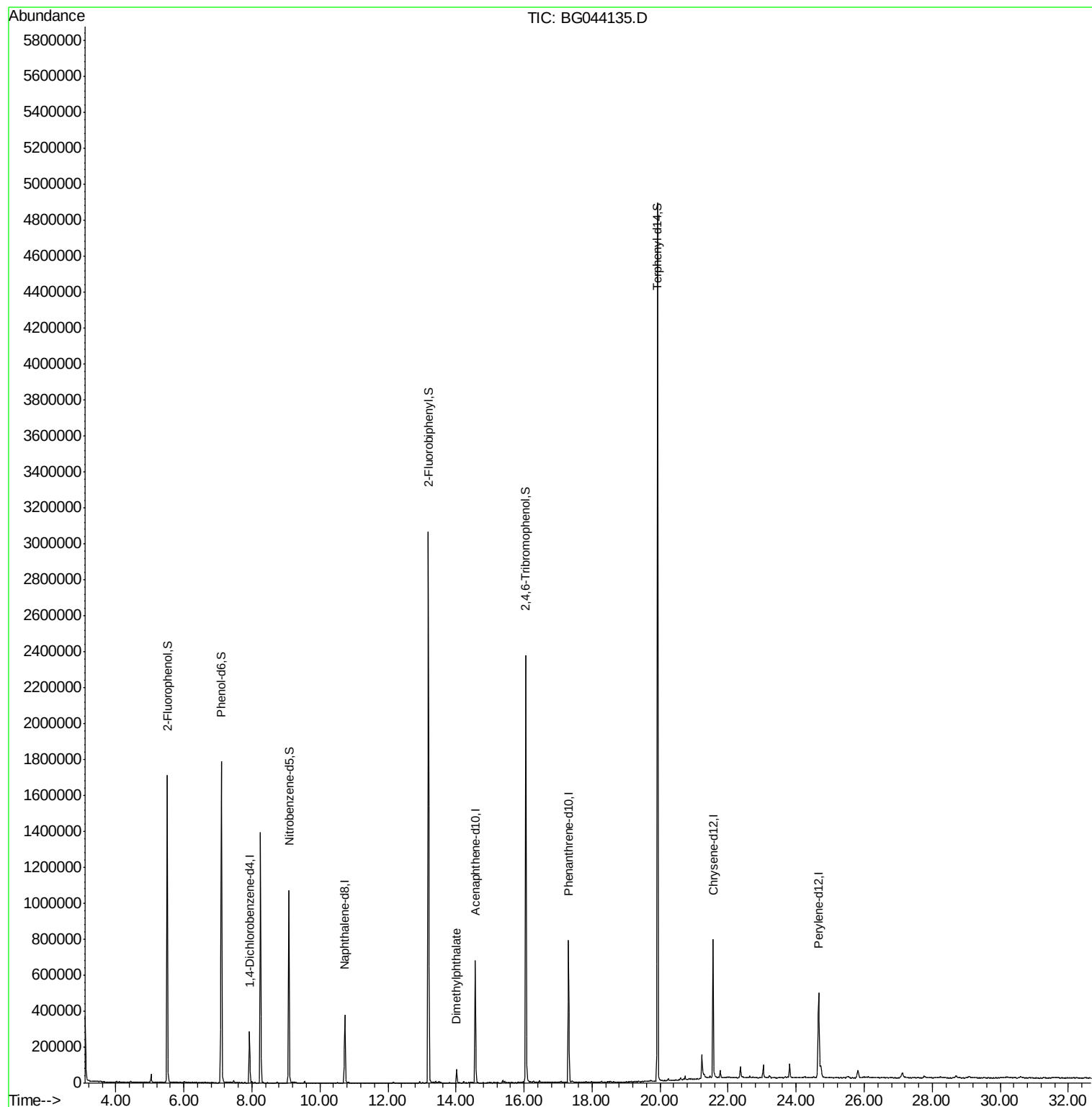
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	83003	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	360351	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	248297	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	511066	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	439025	20.00	ng	-0.03
87) Perylene-d12	24.67	264	483059	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	819400	181.26	ng	-0.03
7) Phenol-d6	7.10	99	1117629	176.87	ng	-0.02
23) Nitrobenzene-d5	9.09	82	703156	104.39	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	451325	173.69	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1600506	116.79	ng	-0.03
79) Terphenyl-d14	19.92	244	2232333	145.92	ng	-0.03
Target Compounds						
50) Dimethylphthalate	14.02	163	62617	3.552	ng	Qvalue # 95

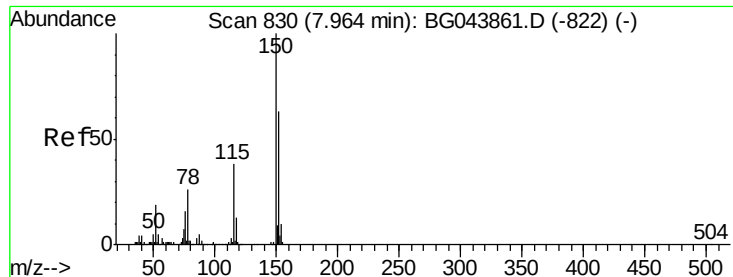
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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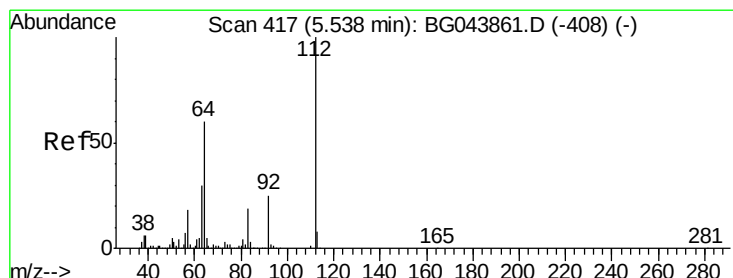
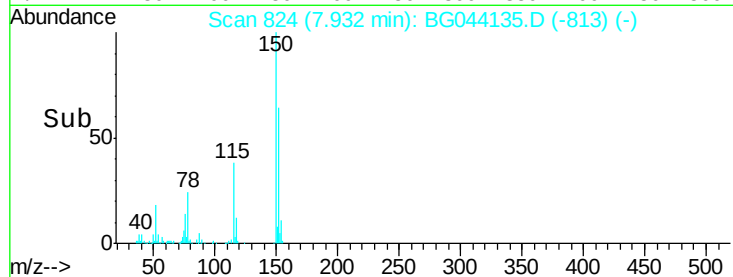
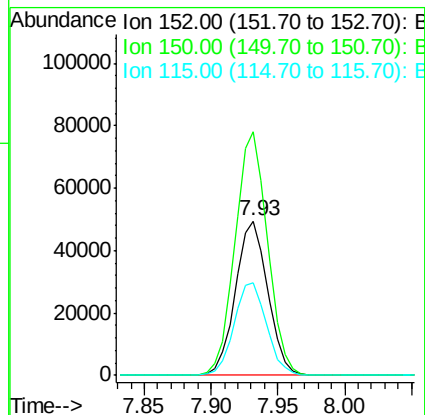
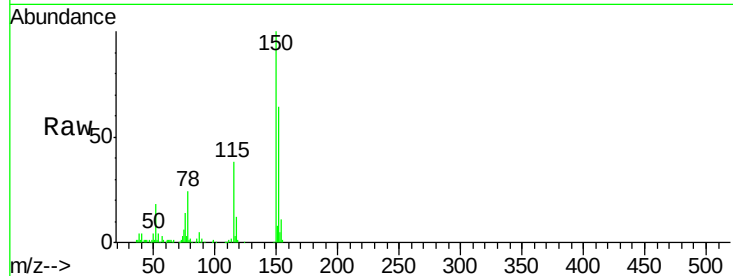


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044135.D
Acq: 21 Jan 2020 16:02

Instrument :
BNA_G
ClientSampleId :
PB126234BL

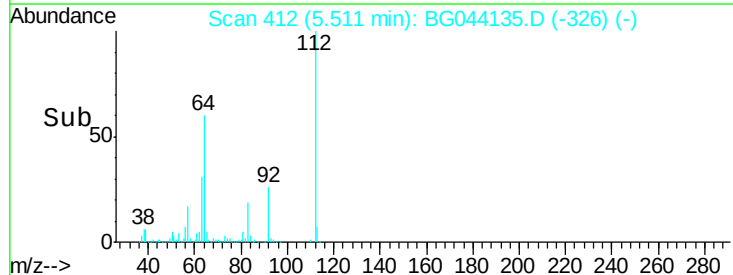
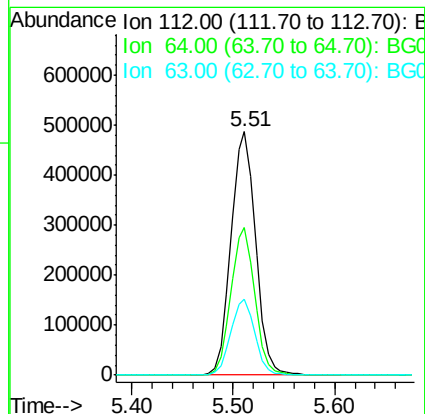
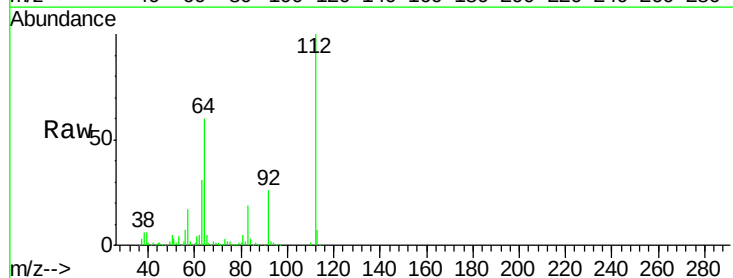
Tot Ion:152 Resp: 83003
Ion Ratio Lower Upper
152 100
150 157.5 127.0 190.4
115 59.9 47.8 71.8

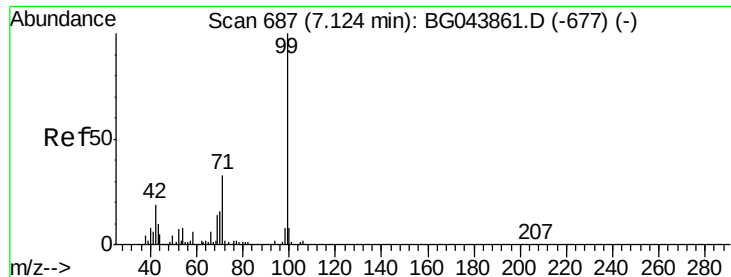


#5

2-Fluorophenol
Concen: 181.261 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044135.D
Acq: 21 Jan 2020 16:02

Tgt Ion:112 Resp: 819400
Ion Ratio Lower Upper
112 100
64 60.4 47.8 71.6
63 31.0 24.3 36.5





#7

Phenol-d6

Concen: 176.870 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044135.D

Acq: 21 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126234BL

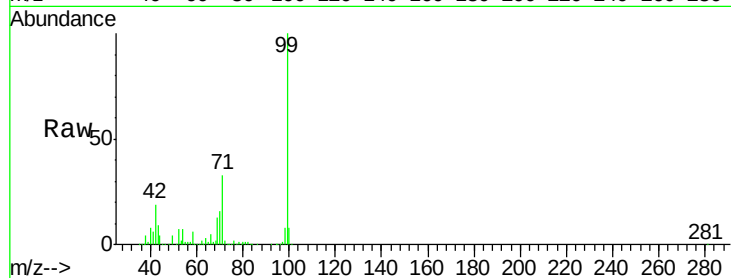
Tot Ion: 99 Resp: 1117629

Ion Ratio Lower Upper

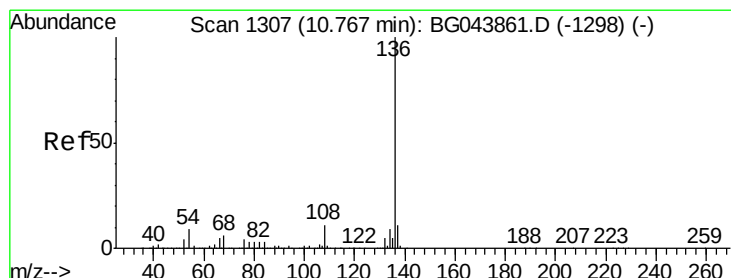
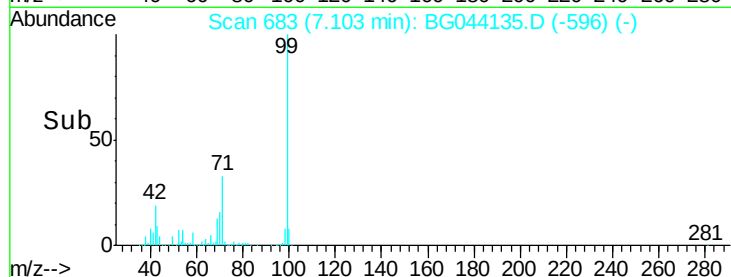
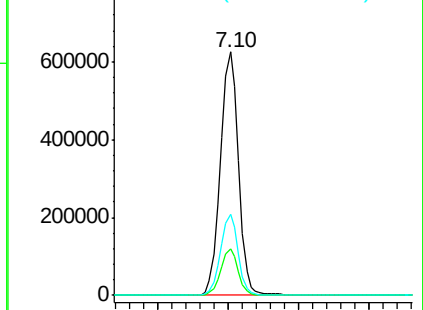
99 100

42 18.9 14.9 22.3

71 33.5 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BG044135.D

Acq: 21 Jan 2020 16:02

Tgt Ion: 136 Resp: 360351

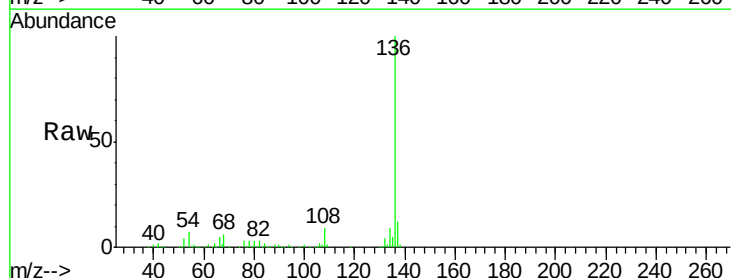
Ion Ratio Lower Upper

136 100

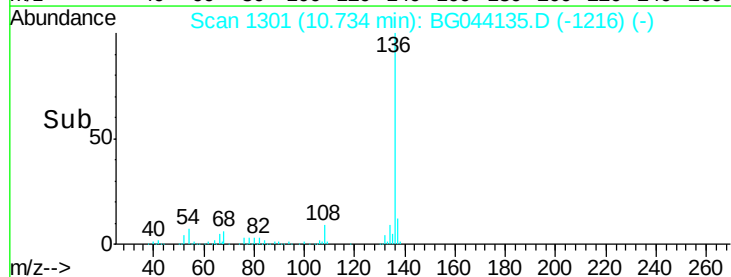
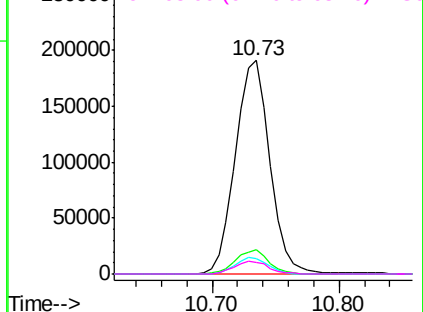
137 11.7 8.8 13.2

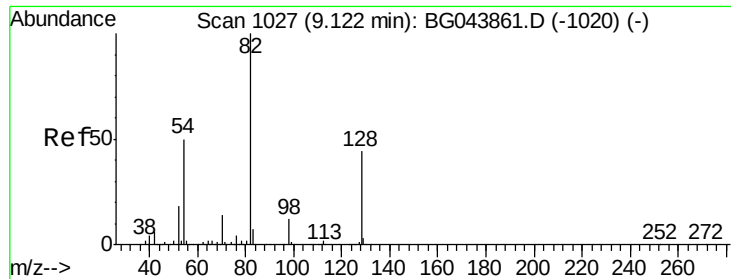
54 7.0 7.0 10.4

68 5.6 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

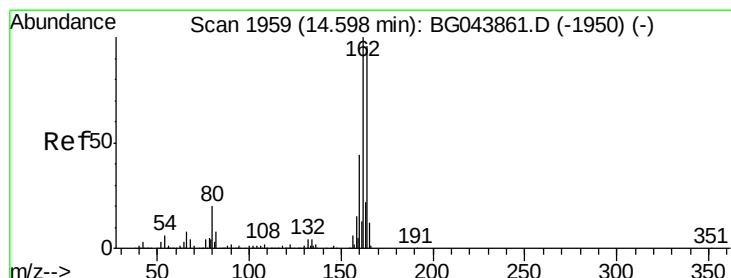
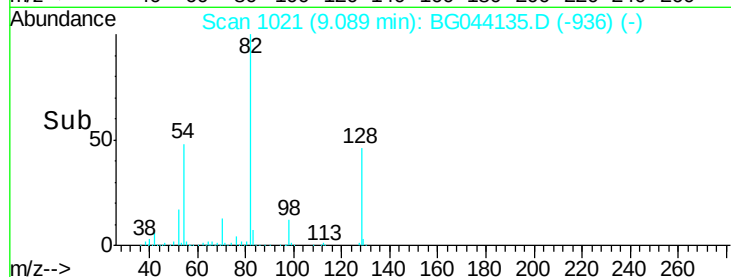
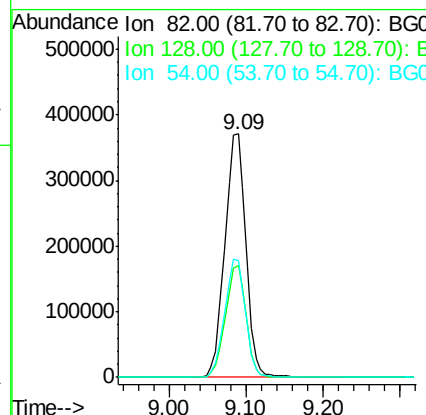
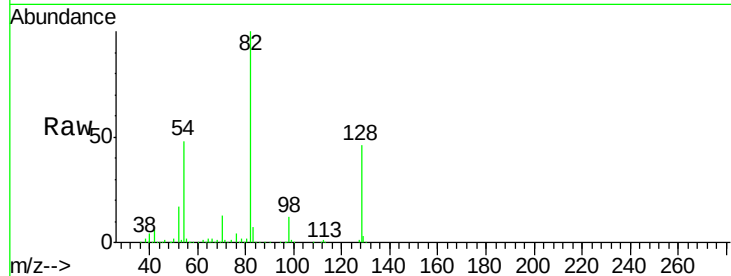




#23
Nitrobenzene-d5
Concen: 104.387 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044135.D
Acq: 21 Jan 2020 16:02

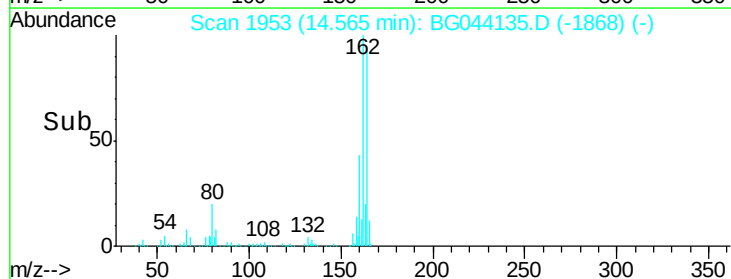
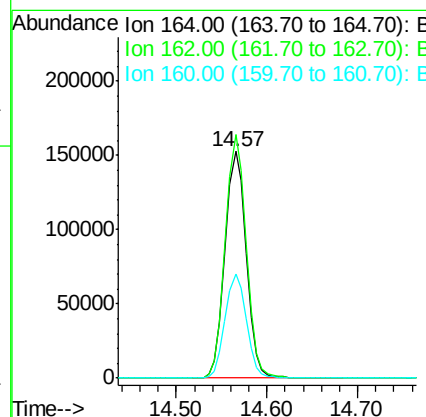
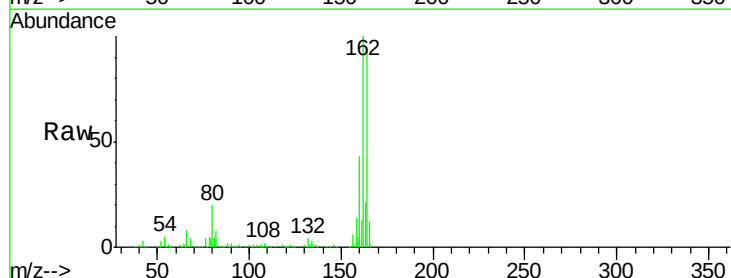
Instrument :
BNA_G
ClientSampleId :
PB126234BL

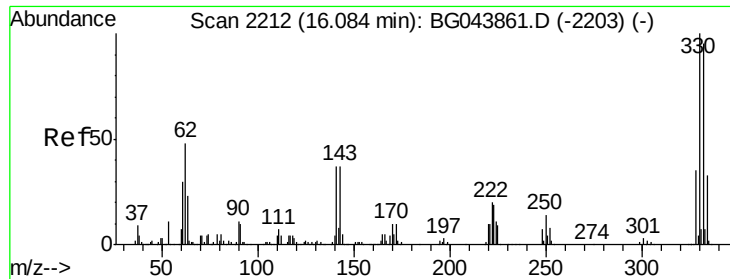
Tot Ion	82	Resp	703156
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.1	52.7
54	48.2	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044135.D
Acq: 21 Jan 2020 16:02

Tgt Ion	164	Resp	248297
Ion Ratio	Lower	Upper	
164	100		
162	107.5	83.0	124.4
160	45.8	36.1	54.1

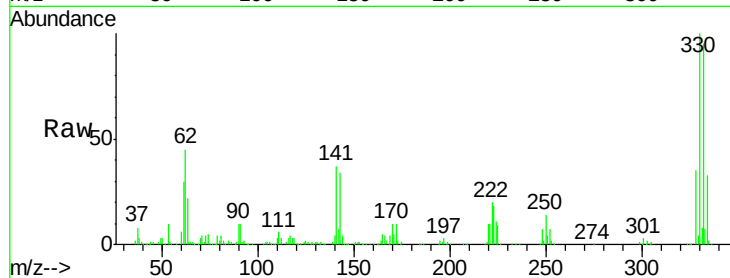




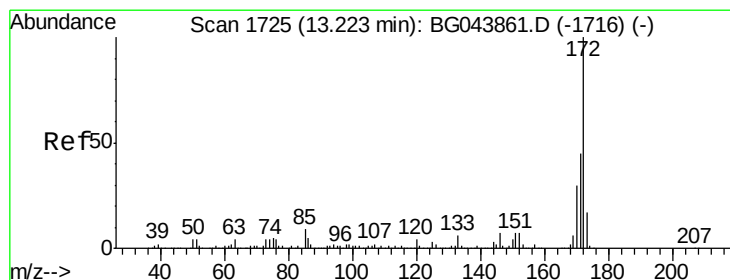
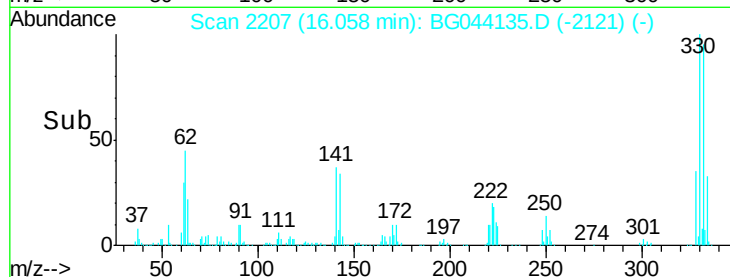
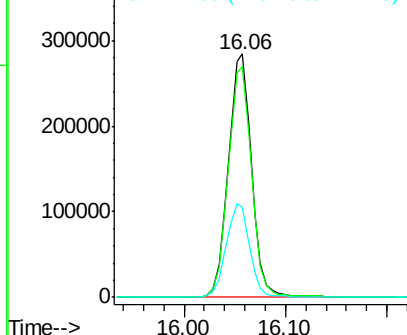
#42
 2,4,6-Tribromophenol
 Concen: 173.695 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044135.D
 Acq: 21 Jan 2020 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB126234BL

Tot Ion:330 Resp: 451325
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.2 115.8
 141 38.9 33.1 49.7

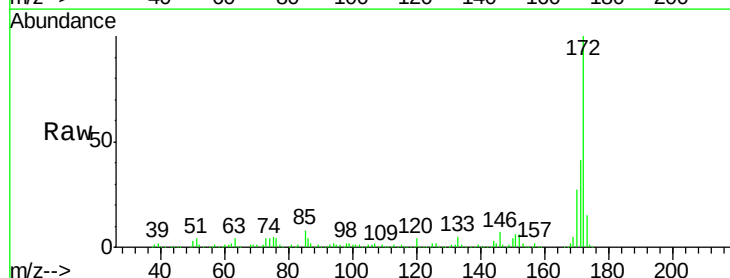


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

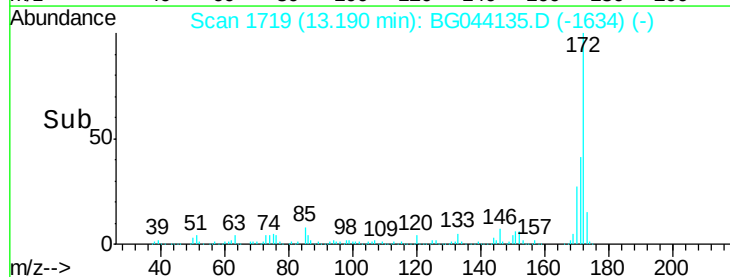
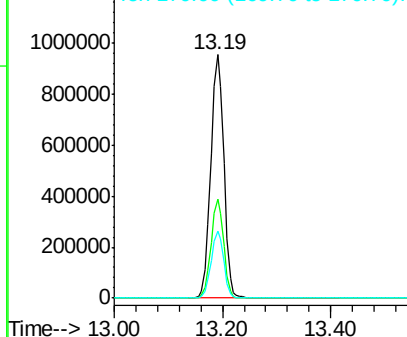


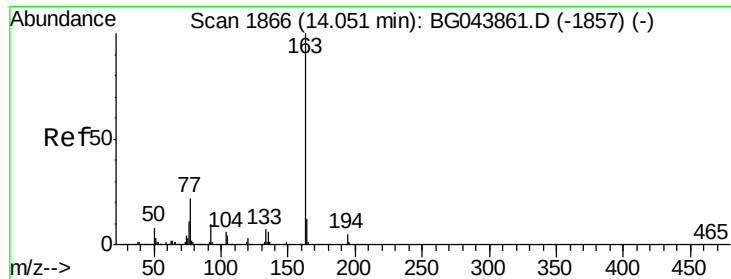
#45
 2-Fluorobiphenyl
 Concen: 116.785 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.03 min
 Lab File: BG044135.D
 Acq: 21 Jan 2020 16:02

Tgt Ion:172 Resp: 1600506
 Ion Ratio Lower Upper
 172 100
 171 40.6 35.8 53.8
 170 27.5 24.2 36.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

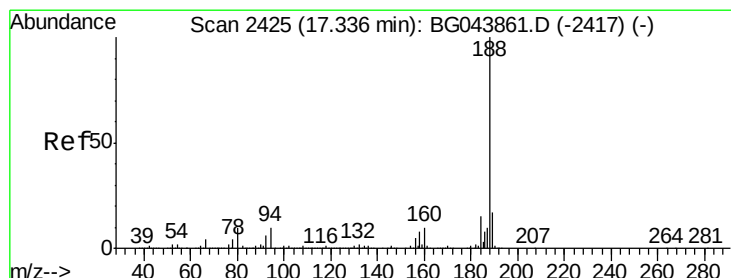
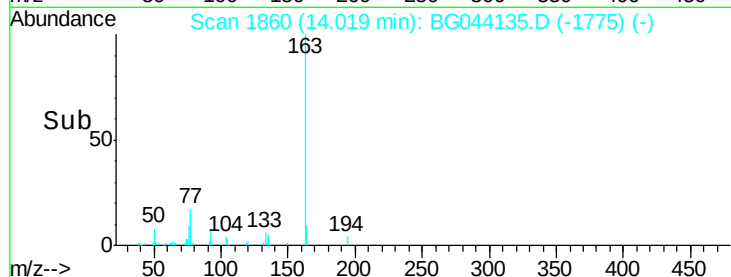
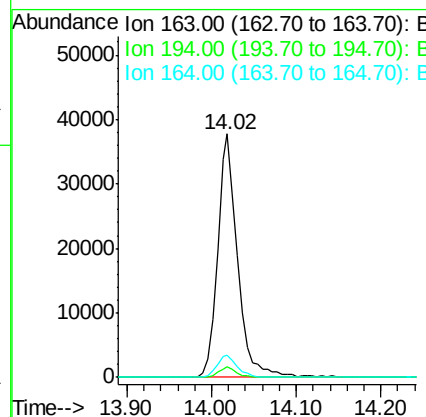
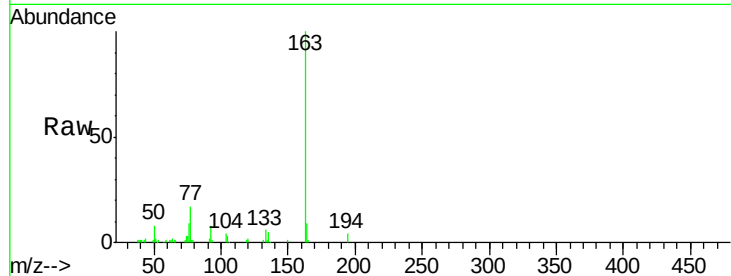




#50
Dimethylphthalate
Concen: 3.552 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.03 min
Lab File: BG044135.D
Acq: 21 Jan 2020 16:02

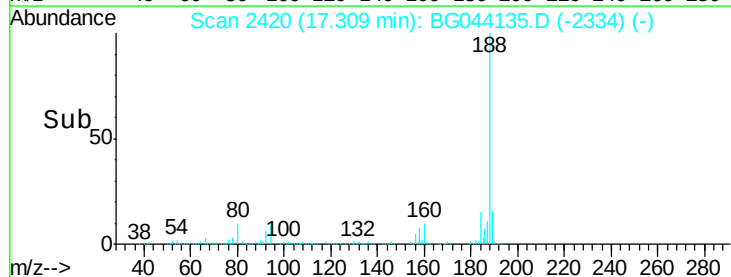
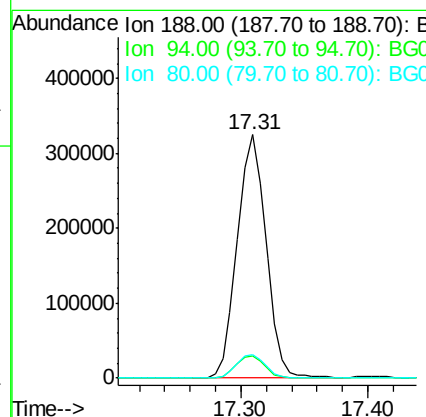
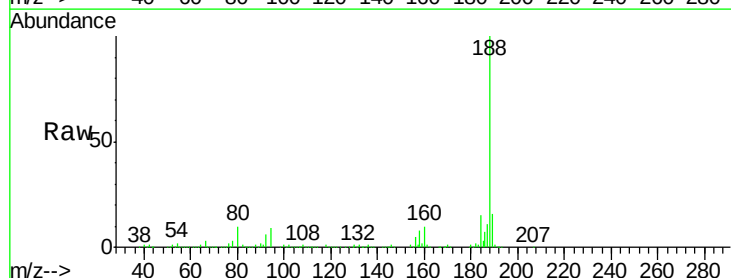
Instrument :
BNA_G
ClientSampleId :
PB126234BL

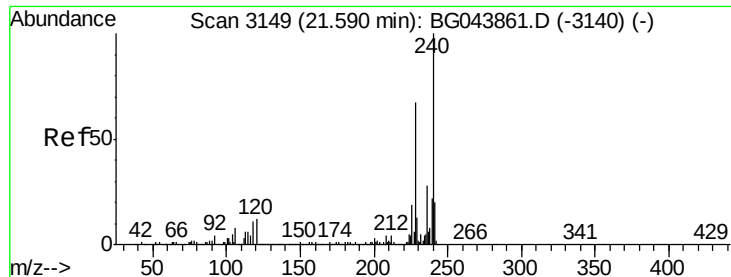
Tot Ion:163 Resp: 62617
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 9.2 9.3 13.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044135.D
Acq: 21 Jan 2020 16:02

Tgt Ion:188 Resp: 511066
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.7 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3143

Delta R.T. -0.03 min

Lab File: BG044135.D

Acq: 21 Jan 2020 16:02

Instrument :

BNA_G

ClientSampleId :

PB126234BL

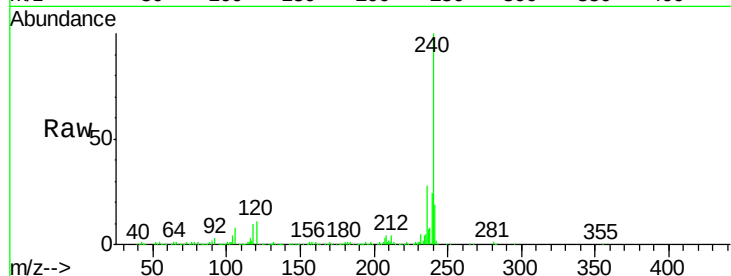
Tot Ion:240 Resp: 439025

Ion Ratio Lower Upper

240 100

120 10.6 9.6 14.4

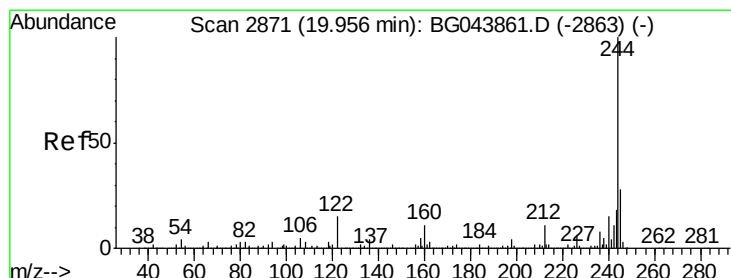
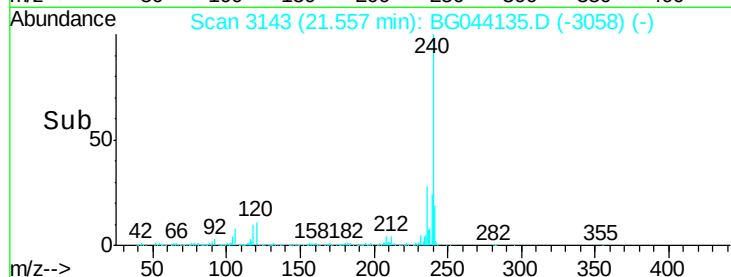
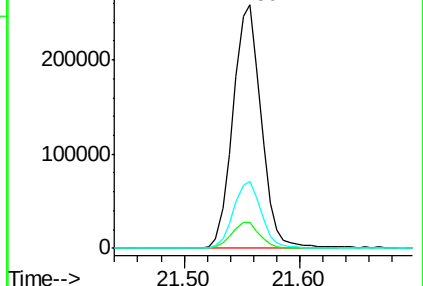
236 27.7 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 145.915 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044135.D

Acq: 21 Jan 2020 16:02

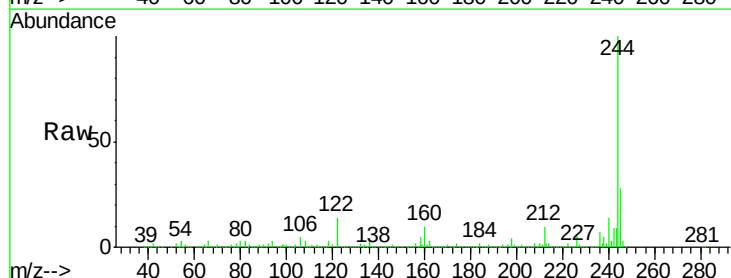
Tgt Ion:244 Resp: 2232333

Ion Ratio Lower Upper

244 100

212 10.2 8.6 13.0

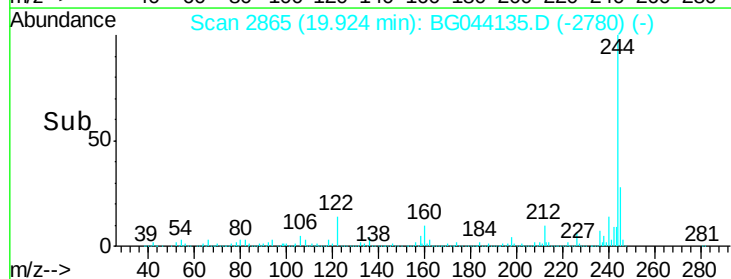
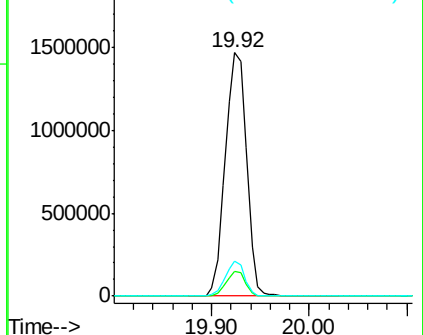
122 14.2 11.9 17.9

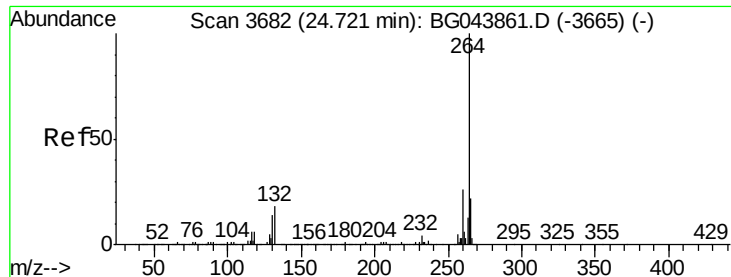


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044135.D
Acq: 21 Jan 2020 16:02

Instrument :
BNA_G
ClientSampleId :
PB126234BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.4	30.6
265	22.0	17.4	26.2

